

Application Serial No. 10/608,508  
Date July 11, 2005  
Reply to Office Action dated March 10, 2005

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### REMARKS

Entry of this Communication which is being filed concurrent by with a Request for Continued Examination, is respectfully requested.

By this Amendment, certain claims have been amended to more specifically define the features of Applicants' invention.

In the last Office Action, the Examiner stated that he did not give patentable weight to the method of forming the device on the grounds that the method is not germane to the issue of patentability of the device itself.

However, it is respectfully submitted that Applicants' invention as defined in claims 1 and 27 defines a one piece, low porosity, thermally conductive mass formed of one of a semi-solid state cast material, a molded ceramic, and an extruded material formed of one of a ceramic material and a poltruded carbon materials.

While certain references, such as Roller and Barkley, define thermally conductive elements used to convey heat, such references lack any teaching or suggestion of a low porosity, one piece, thermally conductive mass which has a high degree of heat transfer efficiency due to the low porosity as set forth by the Applicants. Further, Applicants' thermally conductive mass is defined as being formed of a variety of materials, each of which contributes to the defined low porosity of the mass. Without a thermally conductive mass made in this manner, the desired low porosity can not be achieved.

It is respectfully submitted that one of ordinary skill in the art would not be led by Roller, Barkley, etc., to provide a one piece, low porosity thermally conductive mass formed as defined by the Applicants in claims 1 and 27 and the claims depending therefrom.

As such, it is respectfully submitted that Applicants' invention as set forth in the claims includes features which are not anticipated or rendered obvious by the cited references, taken singly or in any permissible combination.

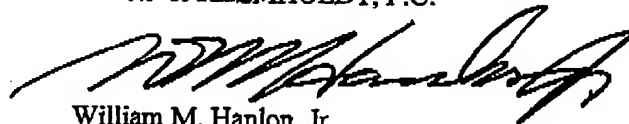
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Reconsideration and allowance of all claims is respectfully requested.

Respectfully submitted,

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